

## COAL CREEK WATERSHED PROTECTION

Watershed Description and Setting  
June 16, 2005

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### Executive Summary

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The Colorado Department of Public Health and Environment (CDPHE) has established nine minimum elements that need to be included in a watershed-based plan to address non-point source (NPS) pollution. The following elements are included in this report and are addressed as follows:

- a. Pollution sources have been identified in section 3.0 that will need to be controlled to achieve the load reductions estimated in section 4.0 of this watershed-based plan (to achieve water quality standards), as discussed in item (b) immediately below. Sources that need to be controlled have been identified (mapped) in section 4.0 with estimates of the extent to which they are present in the watershed (e.g., mining areas needing improved pollution prevention measures and sediment control).
- b. NPS management measures (BMPs) are described in section 4.0 with reference to an implementation schedule in section 5.0 on how to achieve the pollutant load reductions estimated under paragraph (a) above (as well as to achieve other watershed goals identified in this watershed-based plan), and an identification of the critical areas in which those measures will be needed to be implemented;
- c. Section 4.0 provides estimates on expected load reductions for these management measures and controls (recognizing the natural variability and the difficulty in precisely predicting the performance of management measures over time). Estimates are provided at the same level of as in item (a) above (e.g., the total load reduction expected for the Standard Mine);
- d. Section 5.0 defines an information/education component that will be used to enhance public understanding of the project and encourage their participation in selecting, designing, and implementing the NPS management measures and point source controls that will be implemented.
- e. A schedule for implementing the NPS management measures is identified in section 5.0 of this plan that is reasonably expeditious.
- f. Section 6.0 describes interim, measurable milestones for determining whether NPS management measures or other control actions are being implemented and a description of what will be done if the milestones are not being achieved;
- g. Section 6.0 defines a set of criteria that can be used to determine whether loading reductions are being achieved and substantial progress is being made towards attaining water quality standards and, if not, what will be done if the milestones are not being achieved.
- h. Section 6.0 focuses on a monitoring plan to evaluate the current water quality in the watershed, which can be implemented over the long-term to determine the effectiveness of the implementation efforts, measured against the milestones established under item (f) immediately above.
- i. An estimate of the sources of technical and financial assistance needed is detailed in section 5.0 and includes components such as I&E, monitoring, O&M, reporting, and/or authorities that will be relied upon to implement this plan.

